✅ **¡Felicitaciones! ¡Aprobaste!**

Calificación recibida 83,33 %   **Para Aprobar** 80 % o más

[**Ir al siguiente elemento**]

Week 2 Quiz

Calificación de la entrega más reciente: 83.33 %

1. What is the resolution of o the 70,000 images from the Fashion MNIST dataset?

1 / 1 punto

○ 28x28 Color

○ 82x82 Greyscale

◉ 28x28 Greyscale

○ 100x100 Color

> ✓ **Correcto**
> Spot on!

2. Why are there 10 output neurons in the Neural Network used as an example for the Computer Vision Problem?

1 / 1 punto

◉ There are 10 different labels

○ To make it classify 10x faster

○ To make it train 10x faster

○ Purely arbitrary

> ✓ **Correcto**
> Exactly! There are 10 output neurons because we have 10 classes of clothing in the dataset. These should always match.

3. What does Relu do?

1 / 1 punto

○ For a value x, it returns 1/x

○ It only returns x if x is less than zero

◉ It only returns x if x is greater than zero

○ It returns the negative of x

> ✓ **Correcto**
> Correct! The rectifier or ReLU (Rectified Linear Unit) activation function returns x if x is greater than zero.

4. Why do you split data into training and test sets?

1 / 1 punto

○ To make testing quicker

◉ To test a network with previously unseen data

○ To train a network with previously unseen data

○ To make training quicker

5. True or False: The on_epoch_end function sends a logs object with lots of great information about the current state of training at the start of every epoch

0 / 1 punto

○ False

⦿ True

6. Why do you set the callbacks= parameter in your fit function?

1 / 1 punto

○ So that the training loops performs all epochs

○ Because it accelerates the training

⦿ So, on every epoch you can call back to a code function